

>Title: RU2209789C2: FIBERGLASS STRANDS COATED BY INORGANIC PARTICLES AND PRODUCTS CONTAINING THEREOF

Derwent Title: Inorganic particle-coated glass fiber strand for PCB substrates [\[Derwent Record\]](#)

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Abstract: FIELD: composites. SUBSTANCE: coated fiberglass strands intended for reinforcement of composites contains at least one glass fiber coated with dry residue from water-based finishing composition containing more than 20% of solid inorganic particles, whose minimal average diameter ranges from 1 to 1000 mcm and hardness of which does not exceed that of glass fibers. Solid particles are selected from at least one metallic material selected from graphite, Mo, Pt, Pd, Ni, Al, Cu, Au, Fe, Ag, and their mixtures. EFFECT: reduced abrasive wear and breaking disposition of fiberglass. 36 cl, 8 dwg, 11 tbl, 7 ex



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